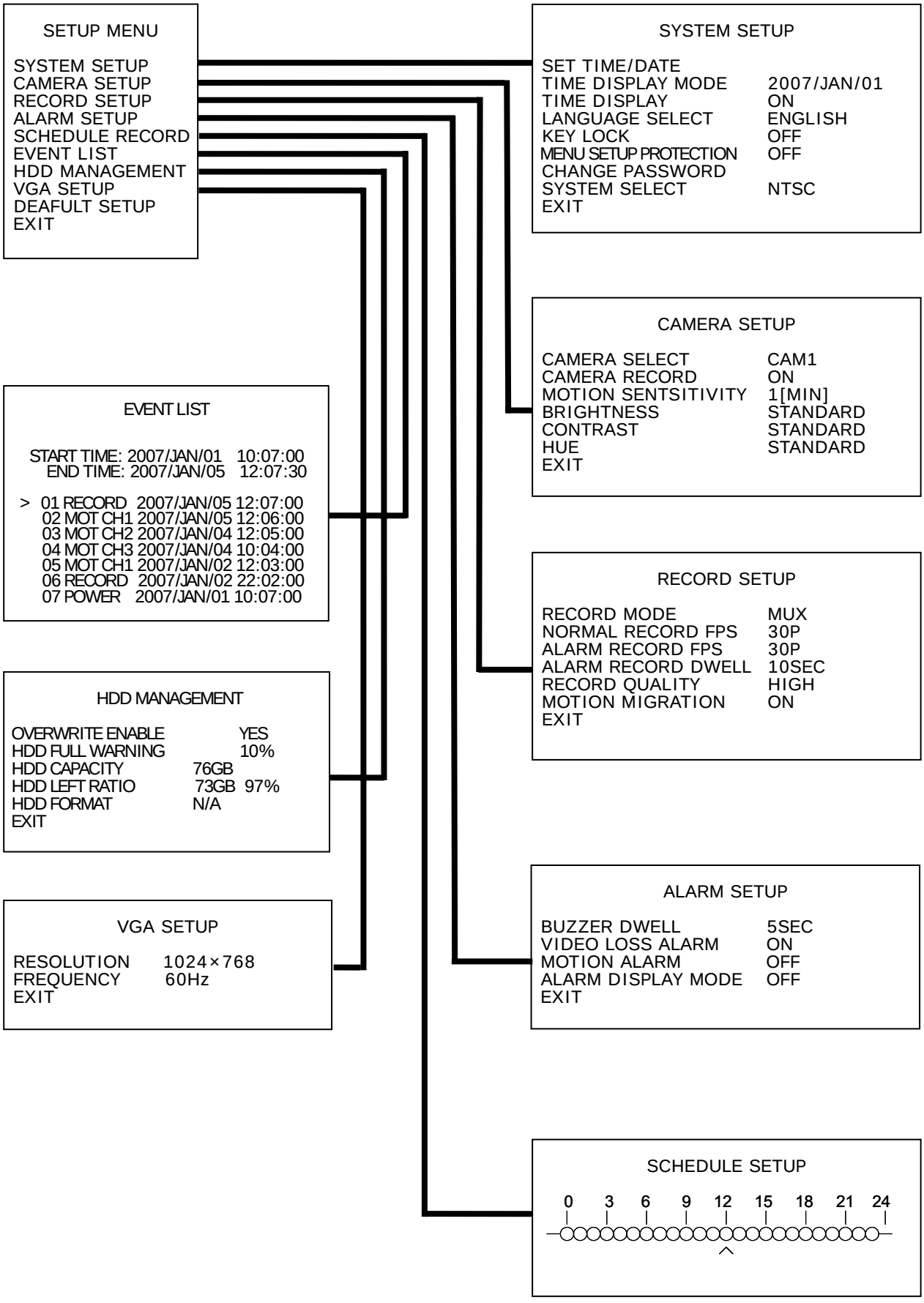
USER MANUAL

Quick Install Guide

4 CHANNELS
DIGITAL VIDEO RECORDER
(DVR)

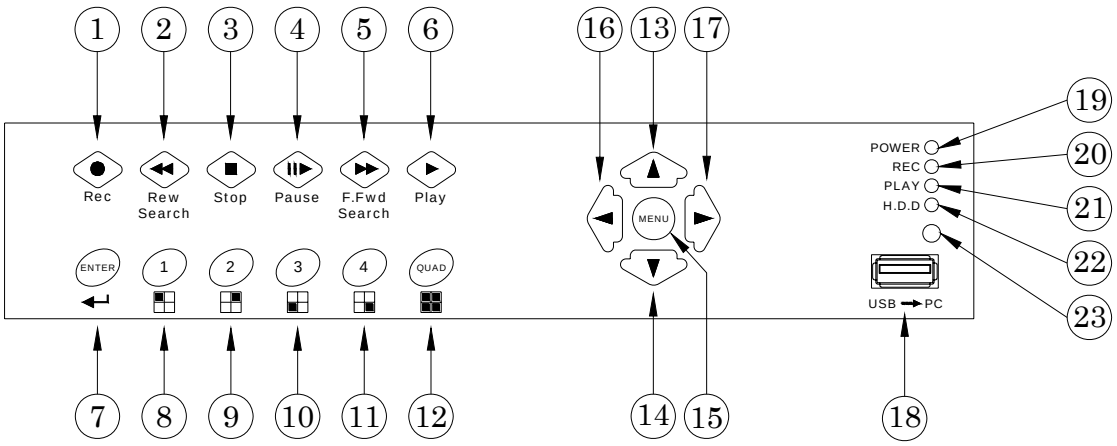
<Please refer to CD-ROM for more details>

SETUP MENU List



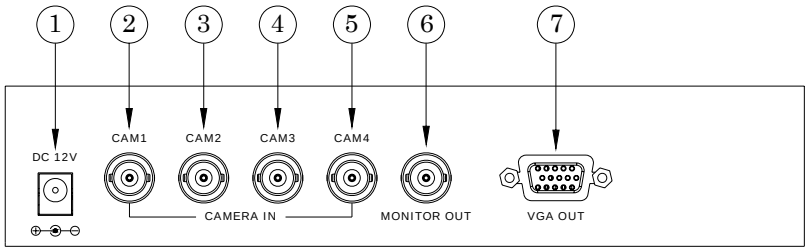
Hardware Overview

A. Front Panel Layout Overview



Part	Label	DVR Function	Part	Label	DVR Function
1	1	Channel 1 Full screen & number 1.	2	2	Channel 2 Full screen & number 2.
3	3	Channel 3 Full screen & number 3.	4	4	Channel 4 Full screen & number 4.
5	Quad	Quad screen: All cameras are displayed.	6	ENTER	Make choose or move into MENU item.
7	Rec	Recording button.	8	Rew Search	×16 fast reward.
9	Stop	Press Stop to stop playback or recording.	10	Pause	Pause & Picture by Picture forward.
11	F.Fwd Search	From ×4, x8, ×16 fast forward.	12	Play	Play button & get into quick time search.
13	▲	Move upward or increase the number.	14	▼	Move downward or decrease the number.
15	MENU	Press MENU to go into or exit menu.	16	◄	Move leftward or decrease the number
17	►	Move rightward or increase the number.	18	USB → PC	USB connector，Image Backup
19	POWER	Power status LED.	20	REC	Recording status LED.
21	PLAY	Playback status LED.	22	H.D.D	H.D.D LED
23	IR Receiver	Accept IR Remote Controller			

B. Back Panel Layout Overview



Part	Label	Function
1	Power connector	DC12V Power Adaptor in.
2-5	CAM1、2、3、4	Camera 1、2、3、4 video input with BNC connector.
6	MONITOR OUT	Composite video output with BNC connector.
7	VGA OUT	Connect to CRT or LCD monitor. (Option)

Specifications

Image System		NTSC	PAL
Resolution	Display	720 × 480	720 × 576
	Record	640 × 224	640 × 272
Video Input		BNC × 4	
Video Output		BNC × 1	
Display Frame		4 × 30 fields/sec	4 × 25 fields/sec
Recording Frame Rate (QUAD)		Max 30 fps	Max 25 fps
Recording Frame Rate (MUX)		Max 30 / 4 fps	Max 25 / 4 fps
Storage Media		1 IDE Hard Disk	
Image Format		M-JPEG	
Compress Rate		Low ：8K bytes/field Medium ：10K bytes/field High ：15K bytes/field Best ：20K bytes/field	
Recording Mode		Manual / Alarm / Schedule	
Playback Speed		Fast Forward ×4 ×8 ×16 Fast Reverse ×16 Frame by Frame Forward Playback	
Image Adjustable		Brightness / Contrast / Hue	
On Screen Display & Setup		Time/Date/Setup Menu	
Password Control		One for HDD format	
Event List		Max. 63 records/H.D.D	
Motion Detection		Yes	
Buzzer		Yes	
Video loss		Yes	
Key Lock		Yes	
IR Remote Controller		Yes	
Backup		USB (PC Link)	
VGA out put		Optional	
Power Input		DC 12 V / 3A	
Dimensions (W×H×D)		218 (W) × 44 (H) × 202 (D) mm	
Operation Temperature		0 - 45℃	